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Today's Date: 9/24/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	tangeretin	17	<u>L4</u>
USPT	tangeritin	1	<u>L3</u>
USPT	5792448	2	<u>L2</u>
EPAB,DWPI	2687572	5	<u>L1</u>

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:sssptal621mxw

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'STNGUIDE' AT 11:04:25 ON 24 SEP 2001
FILE 'STNGUIDE' ENTERED AT 11:04:25 ON 24 SEP 2001
COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.00	158.39
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.76

=> d his

(FILE 'HOME' ENTERED AT 10:46:59 ON 24 SEP 2001)

FILE 'REGISTRY' ENTERED AT 10:47:09 ON 24 SEP 2001

L1 STRUCTURE UPLOADED
L2 1 S L1 SSS SAM
L3 14 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001

L4 1 S L3

FILE 'CAPLUS' ENTERED AT 10:51:31 ON 24 SEP 2001

L5 369 S L3
L6 3 S L5 AND COSMETIC
L7 53 S L3/THU
L8 5 S L7 AND SKIN
L9 17 S L3/PUR

FILE 'STNGUIDE' ENTERED AT 10:57:17 ON 24 SEP 2001

=> file registry

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.00	158.39
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.76

FILE 'REGISTRY' ENTERED AT 11:04:38 ON 24 SEP 2001

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STRUCTURE FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8

DICTIONARY FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when

conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

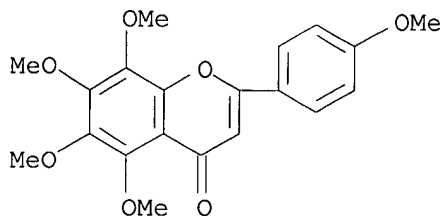
=> d L3/rn

'L3' MUST END IN '/Q', '/A', '/L', '/S' OR '/B'

The saved name for a query (or structure or screen set) must end with '/Q'. The saved name for an answer set must end with '/A'. The saved name for an L# list must end with '/L'. SDI request names must end with '/S'. To see a list of all saved query, answer set,, and L# list names for this loginid, enter "DISPLAY SAVED" at an arrow prompt (=>). Enter "DISPLAY SAVED/S" to see a list of SDI request names. Enter "DISPLAY SAVED/B" to see a list of BATCH search requests.

=> d L3

L3 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2001 ACS
RN 315674-37-4 REGISTRY
CN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-, labeled with tritium (9CI) (CA INDEX NAME)
MF C20 H20 O7
SR CAS Registry Services
IL XH-3



=> d L3 2-14

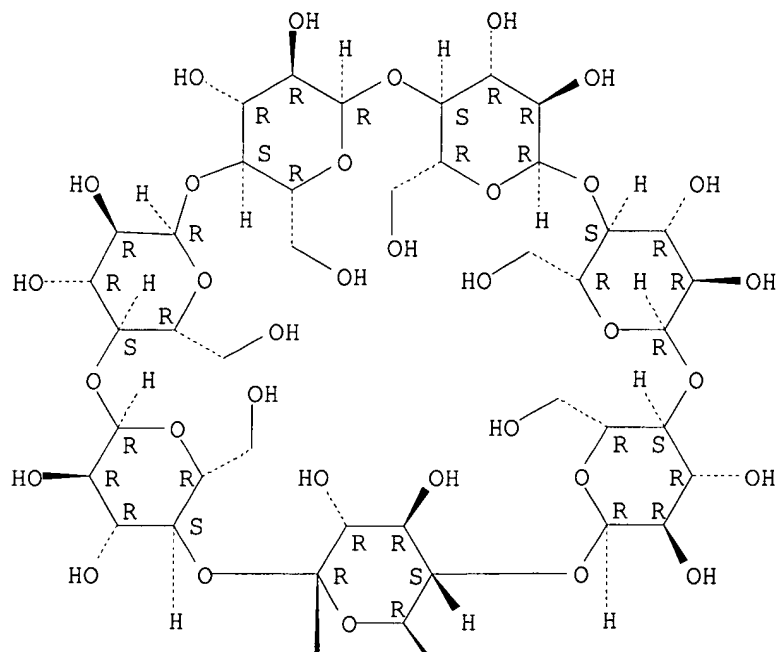
L3 ANSWER 2 OF 14 REGISTRY COPYRIGHT 2001 ACS
RN 229152-82-3 REGISTRY
CN .beta.-Cyclodextrin, compd. with 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-4H-1-benzopyran-4-one (1:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-, compd. with .beta.-cyclodextrin (1:1) (9CI)
FS STEREOSEARCH
MF C42 H70 O35 . C20 H20 O7
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 7585-39-9
CMF C42 H70 O35

Absolute stereochemistry.

PAGE 1-A



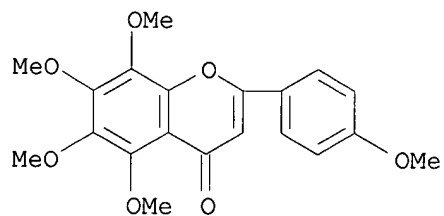
PAGE 2-A



CM 2

CRN 481-53-8

CMF C20 H20 O7



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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 3 OF 14 REGISTRY COPYRIGHT 2001 ACS
RN 229152-81-2 REGISTRY

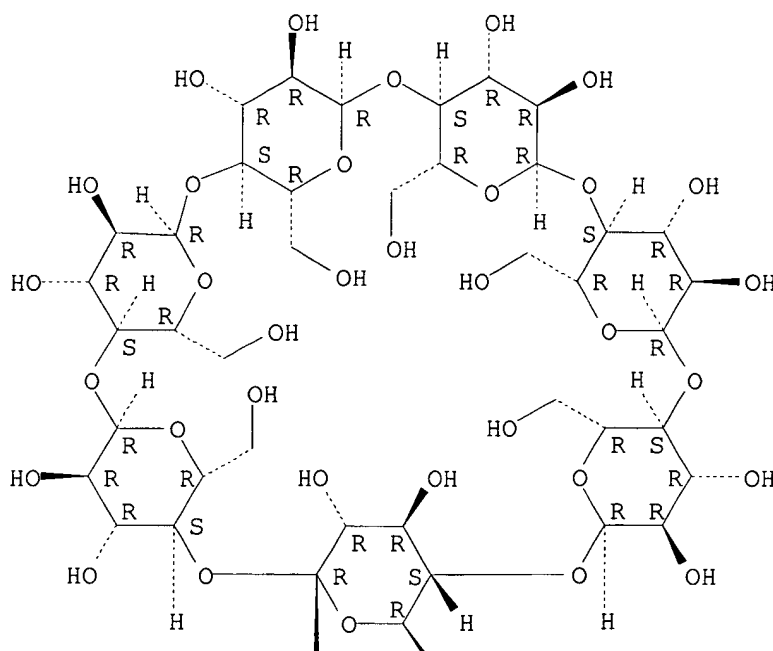
CN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-4H-1-benzopyran-4-one (1:1) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-, compd. with .beta.-cyclodextrin (1:1) (9CI)
 FS STEREOSEARCH
 MF C42 H70 O35 . C22 H24 O9
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

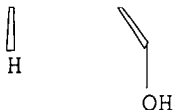
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 CMF C42 H70 O35

Absolute stereochemistry.

PAGE 1-A

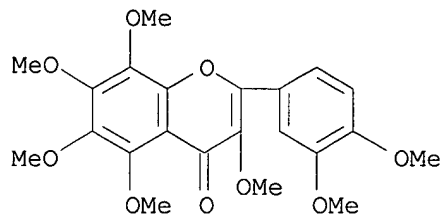


PAGE 2-A



CM 2

CRN 1178-24-1
 CMF C22 H24 O9



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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

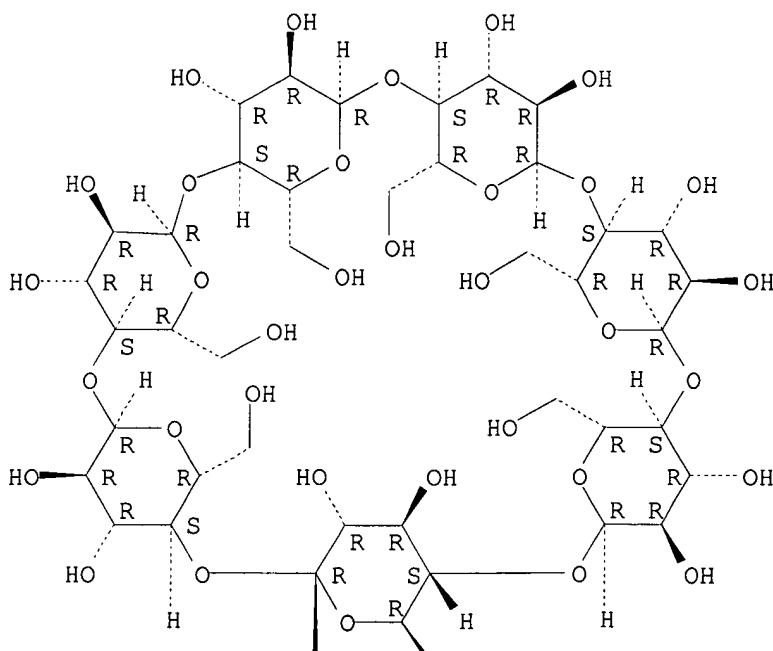
L3 ANSWER 4 OF 14 REGISTRY COPYRIGHT 2001 ACS
RN 229152-80-1 REGISTRY
CN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-4H-1-benzopyran-4-one (1:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-, compd. with .beta.-cyclodextrin (1:1) (9CI)
FS STEREOSEARCH
MF C42 H70 O35 . C21 H22 O8
SR CA
LC STN Files: CA, CAPLUS

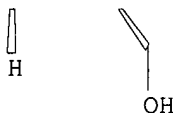
CM 1

CRN 7585-39-9
CMF C42 H70 O35

Absolute stereochemistry.

PAGE 1-A

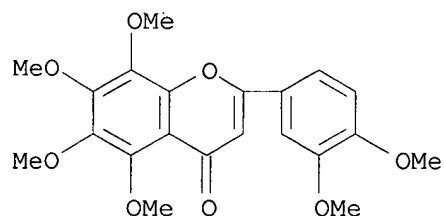




CM 2

CRN 478-01-3

CMF C21 H22 O8



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

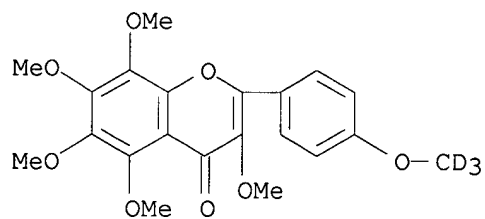
L3 ANSWER 5 OF 14 REGISTRY COPYRIGHT 2001 ACS

RN 52412-94-9 REGISTRY

CN 4H-1-Benzopyran-4-one, 3,5,6,7,8-pentamethoxy-2-[4-(methoxy-d3)phenyl]- (9CI) (CA INDEX NAME)

MF C21 H19 D3 O8

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L3 ANSWER 6 OF 14 REGISTRY COPYRIGHT 2001 ACS

RN 51901-05-4 REGISTRY

CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-, mixt. with sulfinylbis[methane] (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Methane, sulfinylbis-, mixt. contg. (9CI)

OTHER NAMES:

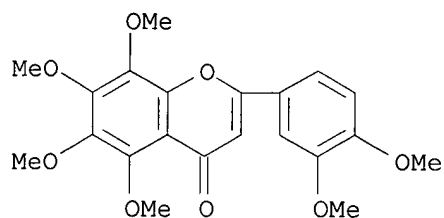
CN Dimethyl sulfoxide-Nobiletine mixture

MF C21 H22 O8 . C2 H6 O S

CI MXS
LC STN Files: CA, CAPLUS, TOXLIT

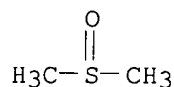
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CRN 478-01-3
CMF C21 H22 O8



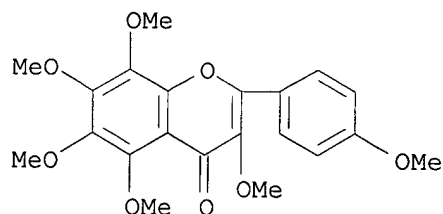
CM 2

CRN 67-68-5
CMF C2 H6 O S



1 REFERENCES IN FILE CA (1967 TO DATE)
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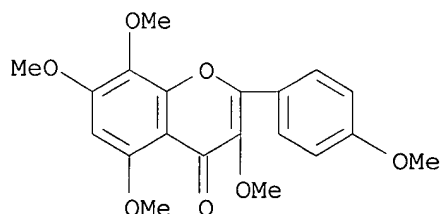
L3 ANSWER 7 OF 14 REGISTRY COPYRIGHT 2001 ACS
RN 34170-18-8 REGISTRY
CN 4H-1-Benzopyran-4-one, 3,5,6,7,8-pentamethoxy-2-(4-methoxyphenyl)- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Flavone, 3,4',5,6,7,8-hexamethoxy- (6CI, 8CI)
MF C21 H22 O8
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXLIT
(*File contains numerically searchable property data)



9 REFERENCES IN FILE CA (1967 TO DATE)
9 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

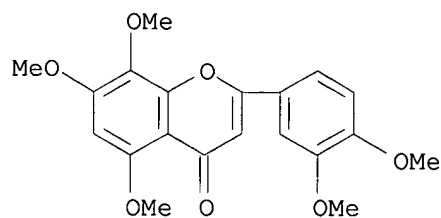
L3 ANSWER 8 OF 14 REGISTRY COPYRIGHT 2001 ACS

RN 24027-55-2 REGISTRY
 CN 4H-1-Benzopyran-4-one, 3,5,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Flavone, 3,4',5,7,8-pentamethoxy- (7CI, 8CI)
 OTHER NAMES:
 CN 3,5,7,8,4'-Pentamethoxyflavone
 CN Tambulin dimethyl ether
 FS 3D CONCORD
 MF C20 H20 O7
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXLIT
 (*File contains numerically searchable property data)



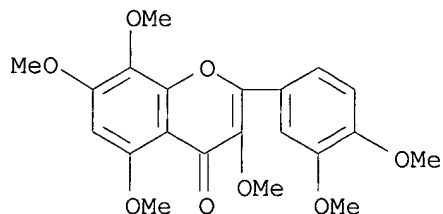
12 REFERENCES IN FILE CA (1967 TO DATE)
 12 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 9 OF 14 REGISTRY COPYRIGHT 2001 ACS
 RN 17290-70-9 REGISTRY
 CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,7,8-trimethoxy- (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Flavone, 3',4',5,7,8-pentamethoxy- (8CI)
 OTHER NAMES:
 CN 3',4',5,7,8-Pentamethoxyflavone
 CN 5,7,8,3',4'-Pentamethoxyflavone
 CN 6-Demethoxynobiletin
 CN Isosinensetin
 FS 3D CONCORD
 DR 78590-15-5
 MF C20 H20 O7
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, NAPRALERT, SPECINFO, TOXLIT,
 USPATFULL
 (*File contains numerically searchable property data)



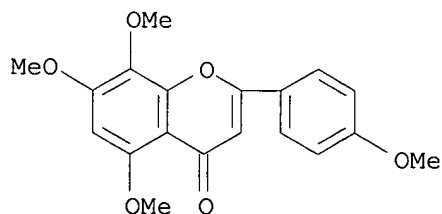
50 REFERENCES IN FILE CA (1967 TO DATE)
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L3 ANSWER 10 OF 14 REGISTRY COPYRIGHT 2001 ACS
 RN 7741-47-1 REGISTRY
 CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,7,8-tetramethoxy-
 (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Flavone, 3,3',4',5,7,8-hexamethoxy- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 3,3',4',5,7,8-Hexamethoxyflavone
 CN 3,5,7,8,3',4'-Hexamethoxyflavone
 CN Gossypetin hexamethyl ether
 FS 3D CONCORD
 MF C21 H22 O8
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, NAPRALERT,
 SPECINFO, TOXLINE, TOXLIT
 (*File contains numerically searchable property data)



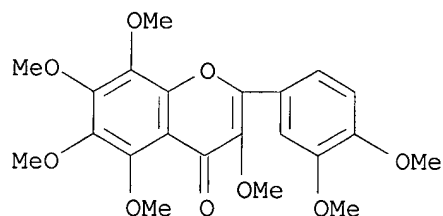
33 REFERENCES IN FILE CA (1967 TO DATE)
 33 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 11 OF 14 REGISTRY COPYRIGHT 2001 ACS
 RN 6601-66-7 REGISTRY
 CN 4H-1-Benzopyran-4-one, 5,7,8-trimethoxy-2-(4-methoxyphenyl)- (9CI) (CA
 INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Flavone, 4',5,7,8-tetramethoxy- (7CI, 8CI)
 OTHER NAMES:
 CN 4',5,7,8-Tetramethoxyflavone
 CN 6-Demethoxytangeretin
 CN 6-Demethoxytangeritin
 CN Tetra-O-methylisoscutearein
 FS 3D CONCORD
 MF C19 H18 O6
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD,
 CAPLUS,
 NAPRALERT, SPECINFO, TOXLIT
 (*File contains numerically searchable property data)



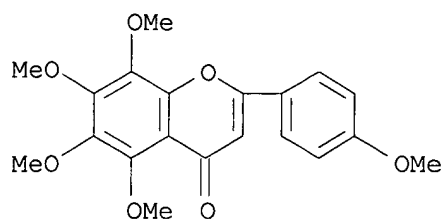
46 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
46 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 12 OF 14 REGISTRY COPYRIGHT 2001 ACS
RN 1178-24-1 REGISTRY
CN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Flavone, 3,3',4',5,6,7,8-heptamethoxy- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 3',4',3,5,6,7,8-Heptamethoxyflavone
CN 3,3',4',5,6,7,8-Heptamethoxyflavone
CN 3,5,6,7,8,3',4'-Heptamethoxyflavone
MF C22 H24 O9
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
CANCERLIT, CAOLD, CAPLUS, CHEMCATS, IFICDB, IFIPAT, IFIUDB, MEDLINE,
NAPRALERT, TOXLINE, TOXLIT, USPATFULL
(*File contains numerically searchable property data)



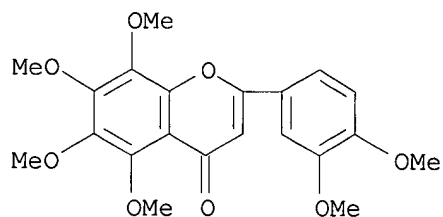
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103 REFERENCES IN FILE CAPLUS (1967 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 13 OF 14 REGISTRY COPYRIGHT 2001 ACS
RN 481-53-8 REGISTRY
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(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Flavone, 4',5,6,7,8-pentamethoxy- (7CI, 8CI)
CN Tangeretin (6CI)
OTHER NAMES:
CN 4',5,6,7,8-Pentamethoxyflavone
CN 5,6,7,8,4'-Pentamethoxyflavone
CN Ponkanetin
CN Tangeritin
MF C20 H20 O7
CI COM
LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST,
CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,
NAPRALERT, PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)



271 REFERENCES IN FILE CA (1967 TO DATE)
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 271 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 14 OF 14 REGISTRY COPYRIGHT 2001 ACS
 RN 478-01-3 REGISTRY
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 (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Flavone, 3',4',5,6,7,8-hexamethoxy- (7CI, 8CI)
 CN Nobiletin (6CI)
 OTHER NAMES:
 CN 3',4',5,6,7,8-Hexamethoxyflavone
 CN 5,6,7,8,3',4'-Hexamethoxyflavone
 MF C21 H22 O8
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
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 DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, NAPRALERT,
 PROMT, SPECINFO, TOXLINE, TOXLIT, USPATFULL
 (*File contains numerically searchable property data)



210 REFERENCES IN FILE CA (1967 TO DATE)
 210 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1621mxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
 NEWS 3 Feb 06 Engineering Information Encompass files have new names
 NEWS 4 Feb 16 TOXLINE no longer being updated
 NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
 NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
 NEWS 7 May 07 DGENE Reload
 NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
 NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's
 DWPI and DPCI
 NEWS 10 Aug 23 In-process records and more frequent updates now in
 MEDLINE
 NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
 NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN
 NEWS 13 Sep 17 IMSworld Pharmaceutical Company Directory name change
 to PHARMASEARCH

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,
 CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
 AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001

NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN
 NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:46:59 ON 24 SEP 2001

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 10:47:09 ON 24 SEP 2001

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STRUCTURE FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8
DICTIONARY FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=>

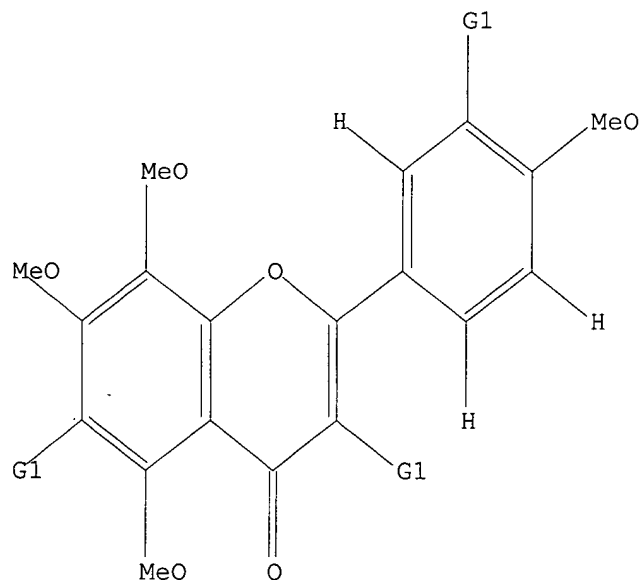
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L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



G1 MeO, H

Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss sam

SAMPLE SEARCH INITIATED 10:47:50 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 255 TO ITERATE

100.0% PROCESSED 255 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 4142 TO 6058

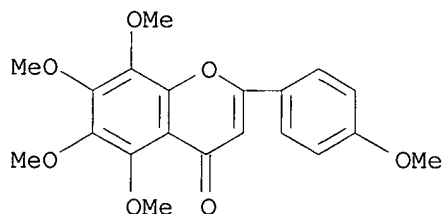
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> d L1 scan
L1 HAS NO ANSWERS

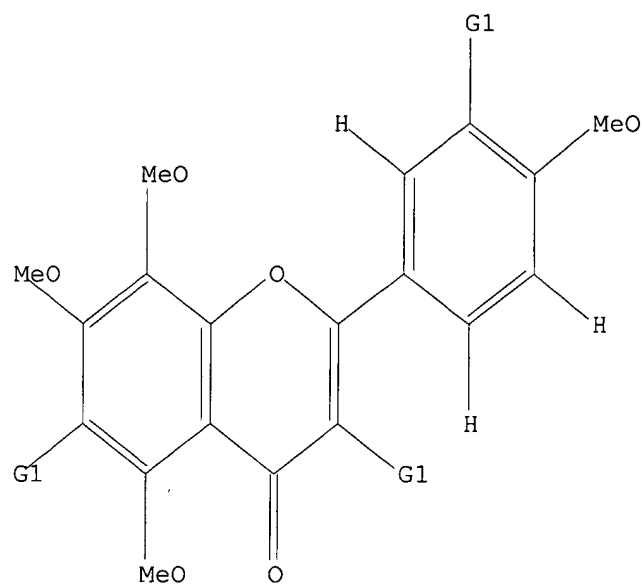
=> d l2 scan

L2 1 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)
MF C20 H20 O7
CI COM



ALL ANSWERS HAVE BEEN SCANNED

=> d L1 sss full
L1 HAS NO ANSWERS
'SSS FULL ' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
data. (Default)
SIM ----- Structure Image.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
data.
SDA ----- All Structure Data (image, attributes, connection table and
map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:
ENTER STRUCTURE FORMAT (SIM), NOS:0
'0' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
data. (Default)
SIM ----- Structure Image.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
data.
SDA ----- All Structure Data (image, attributes, connection table and
map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:sim
L1 STR



G1 MeO, H

Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss full

FULL SEARCH INITIATED 10:49:04 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 5289 TO ITERATE

100.0% PROCESSED 5289 ITERATIONS

14 ANSWERS

SEARCH TIME: 00.00.01

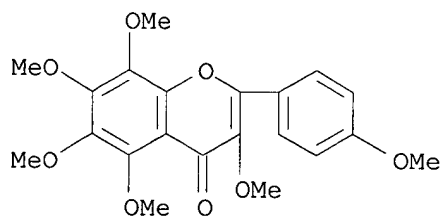
L3 14 SEA SSS FUL L1

=> d L3 scan

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN 4H-1-Benzopyran-4-one, 3,5,6,7,8-pentamethoxy-2-(4-methoxyphenyl)- (9CI)

MF C21 H22 O8



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

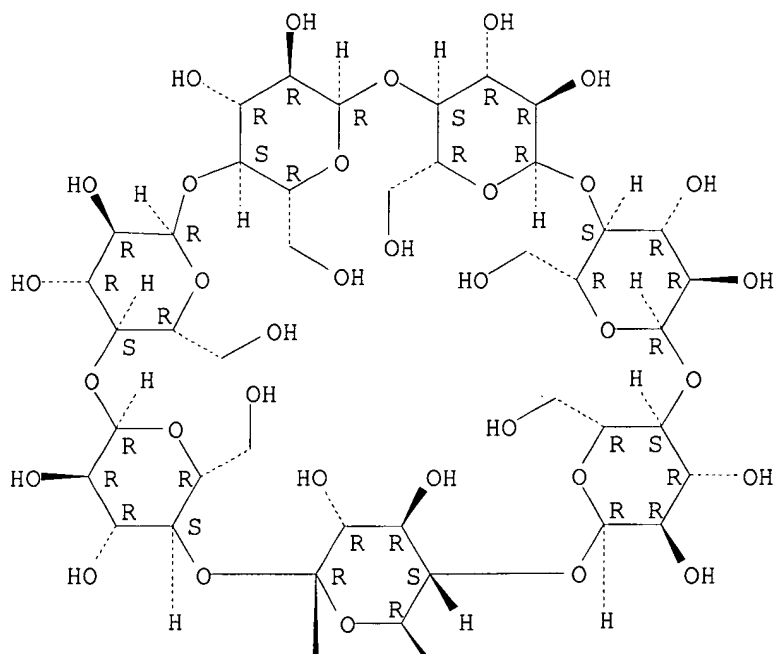
L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-5,6,7,8-
tetramethoxy-4H-1-benzopyran-4-one (1:1) (9CI)
MF C42 H70 O35 . C21 H22 O8

CM 1

Absolute stereochemistry.

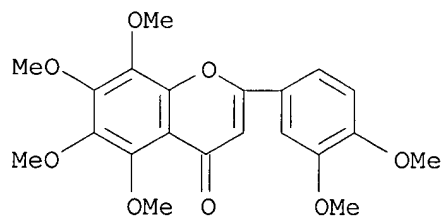
PAGE 1-A



PAGE 2-A

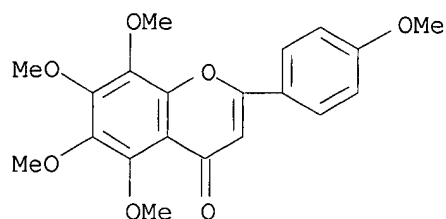


CM 2



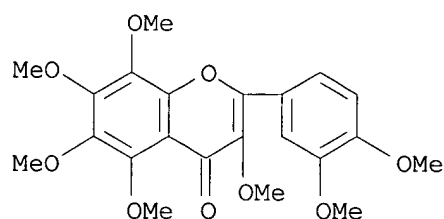
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-, labeled
with tritium (9CI)
MF C20 H20 O7



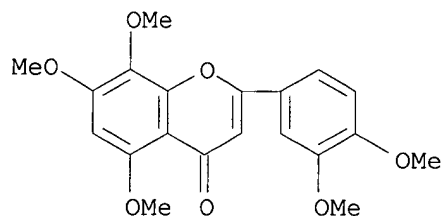
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-pentamethoxy-
(9CI)
MF C22 H24 O9
CI COM



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,7,8-trimethoxy- (9CI)
MF C20 H20 O7

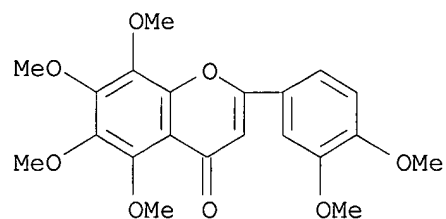


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

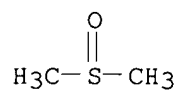
L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS

IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-,
mixt. with sulfinylbis[methane] (9CI)
MF C21 H22 O8 . C2 H6 O S
CI MXS

CM 1



CM 2



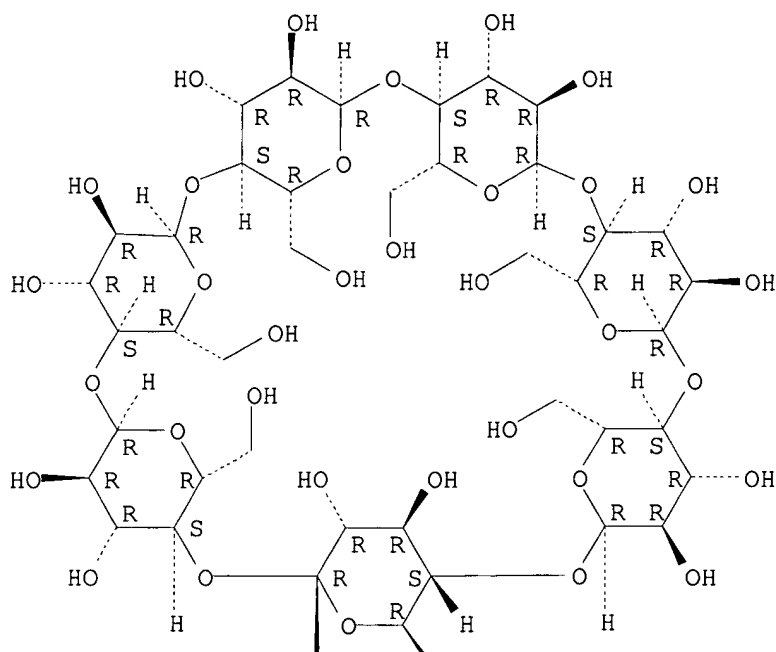
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN .beta.-Cyclodextrin, compd. with 2-(3,4-dimethoxyphenyl)-3,5,6,7,8-
pentamethoxy-4H-1-benzopyran-4-one (1:1) (9CI)
MF C42 H70 O35 . C22 H24 O9

CM 1

Absolute stereochemistry.

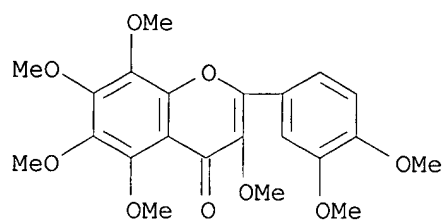
PAGE 1-A



PAGE 2-A

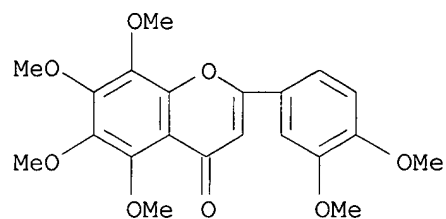


CM 2



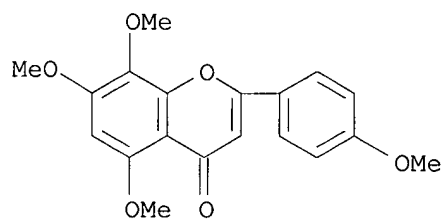
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-5,6,7,8-tetramethoxy-
 (9CI)
 MF C21 H22 O8
 CI COM



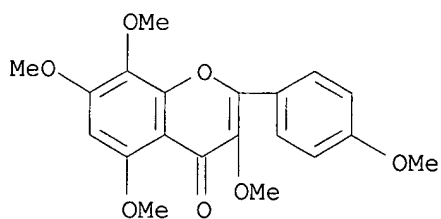
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN 4H-1-Benzopyran-4-one, 5,7,8-trimethoxy-2-(4-methoxyphenyl)- (9CI)
 MF C19 H18 O6



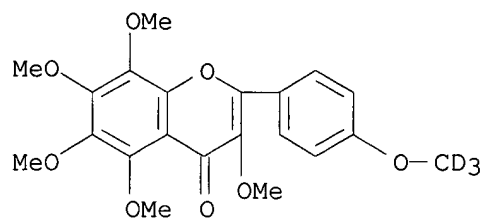
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN 4H-1-Benzopyran-4-one, 3,5,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)
 MF C20 H20 O7



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN 4H-1-Benzopyran-4-one, 3,5,6,7,8-pentamethoxy-2-[4-(methoxy-d3)phenyl]- (9CI)
 MF C21 H19 D3 O8



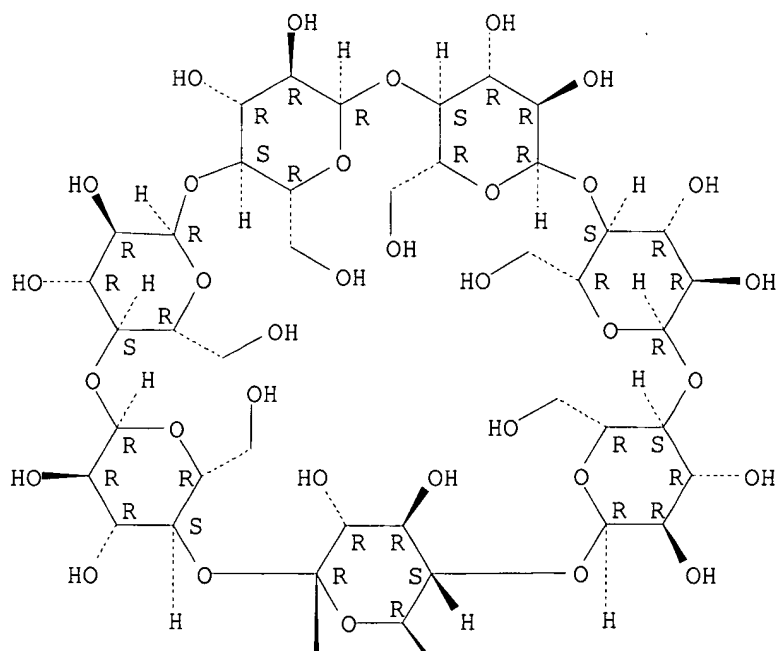
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
 IN .beta.-Cyclodextrin, compd. with
 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)-
 4H-1-benzopyran-4-one (1:1) (9CI)
 MF C42 H70 O35 . C20 H20 O7

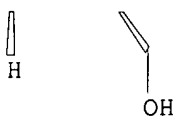
CM 1

Absolute stereochemistry.

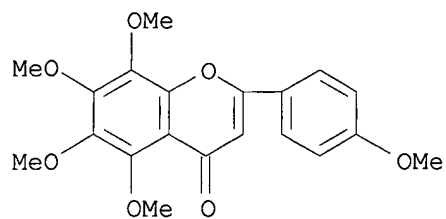
PAGE 1-A



PAGE 2-A

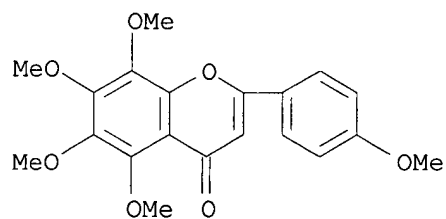


CM 2



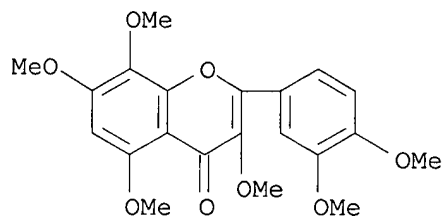
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN 4H-1-Benzopyran-4-one, 5,6,7,8-tetramethoxy-2-(4-methoxyphenyl)- (9CI)
MF C20 H20 O7
CI COM



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 14 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN 4H-1-Benzopyran-4-one, 2-(3,4-dimethoxyphenyl)-3,5,7,8-tetramethoxy- (9CI)
MF C21 H22 O8



ALL ANSWERS HAVE BEEN SCANNED

=> file registry
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
134.80	134.95

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001
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DICTIONARY FILE UPDATES: 23 SEP 2001 HIGHEST RN 358331-51-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=> d his

(FILE 'HOME' ENTERED AT 10:46:59 ON 24 SEP 2001)

FILE 'REGISTRY' ENTERED AT 10:47:09 ON 24 SEP 2001
L1 STRUCTURE UPLOADED
L2 1 S L1 SSS SAM
L3 14 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001

=> s L3

SAMPLE SEARCH INITIATED 10:51:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 255 TO ITERATE

100.0% PROCESSED 255 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4142 TO 6058
PROJECTED ANSWERS: 1 TO 80

L4 1 SEA SSS SAM L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.62	135.57

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FILE COVERS 1947 - 24 Sep 2001 VOL 135 ISS 14
FILE LAST UPDATED: 23 Sep 2001 (20010923/ED)

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=> s L3
L5 369 L3

=> s L5 and cosmetic
37070 COSMETIC
35434 COSMETICS
48574 COSMETIC
(COSMETIC OR COSMETICS)
L6 3 L5 AND COSMETIC

=> d L6 1-3 ti

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
TI Lipolytic agent as health food and **cosmetic** for treatment of obesity

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS
TI **Cosmetic** composition containing a metal oxide nanopigment and an antioxidant for hair and skin protection

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2001 ACS
TI **Cosmetic** compositions containing flavonoids

=> d L6 3 ibib,abs

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1994:173131 CAPLUS
DOCUMENT NUMBER: 120:173131
TITLE: **Cosmetic** compositions containing flavonoids
INVENTOR(S): Beck, Irena; Hocquaux, Michel; Tournaire, Cecile
PATENT ASSIGNEE(S): Oreal S. A., Fr.
SOURCE: Fr. Demande, 14 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2687572	A1	19930827	FR 1992-2247	19920226
FR 2687572	B1	19950609		

OTHER SOURCE(S): MARPAT 120:173131

AB **Cosmetic** compns. contg. flavonoids which have a double bond on position 2,3 and OH on position 3 are used for protection of the skin (Markush structure given). A cream contained Sinowax AO 7, Gelcol 2, cetyl alc. 1.5, iso-Pr myristate 1.5, vaseline 15.0, propylene glycol 10.0, glycerin 10.0, catechin 0.5, preservatives q.s. and water q.s. 100g.

=> s L3/thu
369 L3
396285 THU/RL
L7 53 L3/THU
(L3 (L) THU/RL)

=> s L7 and skin
156526 SKIN
5617 SKINS
159382 SKIN
(SKIN OR SKINS)
L8 5 L7 AND SKIN

=> d L8 1-5 ti

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS
TI Compositions and methods for treatment of neoplastic diseases with combinations of limonoids, flavonoids and tocotrienols

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACS
TI Cancer chemopreventive activity of 3,5,6,7,8,3',4'-heptamethoxyflavone from the peel of citrus plants

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2001 ACS
TI Inhibitory effect of citrus nobiletin on phorbol ester-induced **skin** inflammation, oxidative stress, and tumor promotion in mice

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2001 ACS
TI Inhibitory effect of flavonoids from Citrus plants on Epstein-Barr virus activation and two-stage carcinogenesis of **skin** tumors

L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS
TI Compositions and methods of inhibiting neoplastic and cardiovascular diseases with compounds related to limocitrin and 5-desmethyl sinensetin

=> s L3/pur
369 L3
151393 PUR/RL
L9 17 L3/PUR
(L3 (L) PUR/RL)

=> d L9 1-17 ti

L9 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2001 ACS
TI Inhibitors of 15-Lipoxygenase from Orange Peel

L9 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Studies on chemical constituents of processed green tangerine peel

L9 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Pharmaceuticals and foods containing flavonoids as inhibitors of
 formation
 of matrix metalloproteinase (MMP) and its precursor

L9 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI A new oxyprenyl coumarin and highly methylated flavones from the exudate
 of *Ozothamnus lycopodioides* (Asteraceae)

L9 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Chemical constituents of *Tripterygium wilfordii*

L9 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Isolation and Identification of New Polymethoxyflavonoids from Dancy
 Tangerine Leaves

L9 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Studies on the chemical constituents *Yengmaoercao* (*Hedyotis lindleyanu*)

L9 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Study on the constituents of flavonoids and other substances from peel of
Citrus Sinensis (L.) Osbeck

L9 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI The genuineness of citrus oils. Note LV. Composition of mandarin
 essential
 oil produced in 1996/97

L9 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI On the chemical, botanical, and chemotaxonomical evaluation of the genus
Citrus. Part I: polymethoxyflavones of the leaf of *Citrus deliciosa* Ten.

L9 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Two New Polymethoxylated Flavones, a Class of Compounds with Potential
 Anticancer Activity, Isolated from Cold Pressed Dancy Tangerine Peel Oil
 Solids

L9 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Chemical constituents from roots of *Jatropha curcas*

L9 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Isolation of anti-leukemia compounds from *Citrus reticulata*

L9 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Flavonoids of mandarin fruit refuse and their fungistatic action on the
 fungus *Phoma tracheiphila*

L9 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Isolation of polymethoxyflavones from sweet and Mandarin orange essential
 oils using column chromatography and semipreparative HPLC with a recycle
 valve

L9 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2001 ACS
 TI Cardiogenic flavonoids from *Citrus* plants (Rutaceae)

L9 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2001 ACS

TI Further pyrano flavones from Neoraputia alba

=> d L9 15-16 ibib,abs

L9 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1995:538084 CAPLUS

DOCUMENT NUMBER: 122:273747

TITLE: Isolation of polymethoxyflavones from sweet and Mandarin orange essential oils using column chromatography and semipreparative HPLC with a

recycle

valve
AUTHOR(S): Mondello, Luigi; Dugo, Paola; Stagno d'Alcontres, Ildefonso

CORPORATE SOURCE: Facolta di Farmacia, Univ. Messina, Italy

SOURCE: Essenze, Deriv. Agrum. (1993), 63(4), 395-406

CODEN: EDAGAH; ISSN: 0014-0902

DOCUMENT TYPE: Journal

LANGUAGE: Italian

AB A method for the isolation of polymethoxylated flavones (PMF) from sweet orange and mandarin essential oils using chromatog. on a silica gel column

and HPLC with recycle valve, using "peak shaving" technique is reported. The pure PMF were used to construct calibration curves against coumarin for the quant. estn. of PMF in the two essential oils.

L9 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1995:437431 CAPLUS

DOCUMENT NUMBER: 122:183243

TITLE: Cardiogenic flavonoids from Citrus plants (Rutaceae)

AUTHOR(S): Itoigawa, Masataka; Takeya, Kazumi; Furukawa, Hiroshi

CORPORATE SOURCE: Tokaigakuen Women's College, Nagoya, 468, Japan

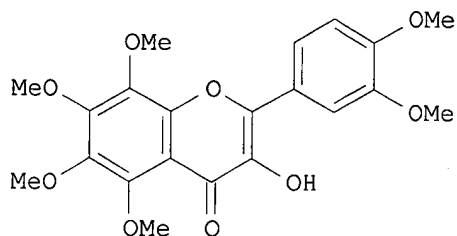
SOURCE: Biol. Pharm. Bull. (1994), 17(11), 1519-21

CODEN: BPBLEO; ISSN: 0918-6158

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



I

AB Two flavonoids, 3,5,6,7,8,3',4'-heptamethoxyflavone (HEPTA) and natsudaidin (I) isolated from Citrus plants (Rutaceae), produced a pos. inotropic effect (PIE) on guinea-pig papillary muscle. I (pD₂ 4.98±0.07) was more potent than HEPTA, but the max. PIE of HEPTA was greater than that of I. The PIE of HEPTA was completely inhibited by reserpinization of the guinea pig, and partially inhibited by metoprolol and carbachol. The carbachol inhibition was omitted by atropine. The mechanism of PIE of HEPTA is accounted for catecholamine release from

cardiac tissue.

=> file stng

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

22.82

158.39

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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LAST RELOADED: Sep 21, 2001 (20010921/UP).

=> d his

(FILE 'HOME' ENTERED AT 10:46:59 ON 24 SEP 2001)

FILE 'REGISTRY' ENTERED AT 10:47:09 ON 24 SEP 2001

L1 STRUCTURE UPLOADED

L2 1 S L1 SSS SAM

L3 14 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 10:50:11 ON 24 SEP 2001

L4 1 S L3

FILE 'CAPLUS' ENTERED AT 10:51:31 ON 24 SEP 2001

L5 369 S L3

L6 3 S L5 AND COSMETIC

L7 53 S L3/THU

L8 5 S L7 AND SKIN

L9 17 S L3/PUR

FILE 'STNGUIDE' ENTERED AT 10:57:17 ON 24 SEP 2001